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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application No.: 10/083,773 Patent No.: 7,224,807
Filing Date: February 27, 2002 Issue Date: May 29, 2007
Applicant: Welsh et al. Group Unit: 2615
Attorney Docket: 67008-041 Examiner: Kurr, Jason Richard
For: SYSTEM FOR COMPUTATIONALLY EFFICIENT ACTIVE
CONTROL OF TONAL SOUND OR VIBRATION

COMMISSIONER OF PATENTS
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ALEXANDRIA, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Dear Sir:

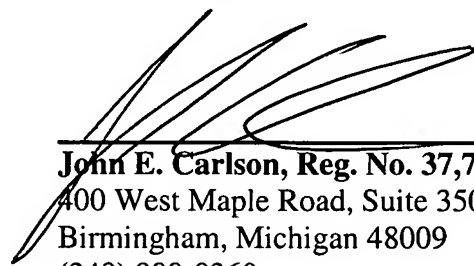
Enclosed is a Certificate of Correction for the above-identified US Patent.

The errors are not believed to be ours and we do not believe any fee is due at this time. If any fee is due you are hereby authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds. Consideration is respectfully requested.

**Certificate
JUL 17 2007
of Correction**

Respectfully submitted,

CARLSON, GASKEY & OLDS, P.C.



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Date: July 16, 2007

JUL 17 2007

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 16, 2007.



Amy Spaulding

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 1

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 APPLICATION NO.: 10/083,773
 ISSUE DATE : May 29, 2007
 INVENTOR(S) : Welsh et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 13 should read as follows:

The method of Claim 6, wherein said physical variable comprises a plurality of physical variables, said method further including the steps of:

- f) generating a sensed signal as a function of each of said plurality of physical variables; and
- g) computing harmonic estimates z_k for each sensed signal y_k at each sample time t_k according to $z_k = z_{k-1} + \rho H(y_k - H^T z_{k-1})$, where:

$H = [1 \cos(f_d t_k) \sin(f_d t_k) \cos(f_x t_k) \sin(f_x t_k), \dots]^T$ and where:

$f_d t_k$ = desired frequency;

$f_x t_k$ = frequency of unwanted information in y_k ;

z_k = estimates of harmonic content of y_k at time k ;

z_{k-1} = estimates of harmonic content at time $k-1$;

ρ = a variable gain that determines the corner frequency of the first order low-pass anti-aliasing filter;

y_k = sensed signal vector at time k ;

$(\cdot)^T$ = transpose of a vector or matrix.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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